



United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



IN REPLY REFER TO: MT-450

June 11, 2015

FAXOGRAM: Water Order Change

To: Chief, Power Supply and Billing Division, WAPA, Watertown, South Dakota
Attention: F-6300
Chief, Power Dispatching Branch, WAPA, Loveland, Colorado
Attention: J-4120
Facilities Manager, Helena, Montana
Attention: MT-800, MT-810, MT-831
Project Manager, Mills, Wyoming
Attention: WY-4000, WY-4100, WY-6400
Northwestern Energy, Butte, Montana
Attention: Resource Coordinator, Deb Mallowney

From: Reservoir and River Operations, Billings, Montana /S/ Tim H. Felchle

Subject: **Canyon Ferry Water Release Order - CFR No. 15-30**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3796.25; Storage: 1,866,945 acre-feet; River Release: 5,300 cfs; Inflow: 8,500 cfs;

GENERAL COMMENTS:

The high elevation snow has essentially melted out, causing inflows into Canyon Ferry to decrease quickly to near 8,500 cfs and continue to decline. To assure filling Canyon Ferry Reservoir to the top of the joint-use pool, turbine releases to the Missouri River will be decreased. In response, the following operation changes are required at Canyon Ferry Dam and Powerplant.

CANYON FERRY RELEASES AND OPERATIONS: Times are Mountain Daylight Savings Time (MDST)

At 0100 hour on Saturday, June 13, 2015:

*Maintain releases through the river outlet gates at 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Decrease turbine release to $\approx 4,500$ cfs (≈ 49 MW-Hr/hr using 92.4 cfs/mw).
Maintain release for Helena Valley Project at 710 cfs (375 cfs pumped to Helena Valley and 335 cfs discharged to the Missouri River).
Decrease release to the Missouri River to 4,835 cfs.
Decrease total release from Canyon Ferry to 5,210 cfs*

At 0100 hour on Sunday, June 14, 2015:

*Maintain releases through the river outlet gates at 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Decrease turbine release to $\approx 4,000$ cfs (≈ 43 MW-Hr/hr using 92.4 cfs/mw).
Maintain release for Helena Valley Project at 710 cfs (375 cfs pumped to Helena Valley and 335 cfs discharged to the Missouri River).
Decrease release to the Missouri River to 4,335 cfs.
Decrease total release from Canyon Ferry to 4,710 cfs*